



STATE OF MARYLAND

DHMH

Maryland Department of Health and Mental Hygiene
300 W. Preston Street, Suite 202, Baltimore, Maryland
21201

Martin O'Malley, Governor – Anthony G. Brown, Lt. Governor – Joshua M. Sharfstein, M.D., Secretary

Office of Preparedness & Response

Sherry Adams, R.N., C.P.M, Director

Isaac P. Ajit, M.D., M.P.H., Deputy Director

Weekly Heat-related Illness Surveillance Report

July 24, 2012

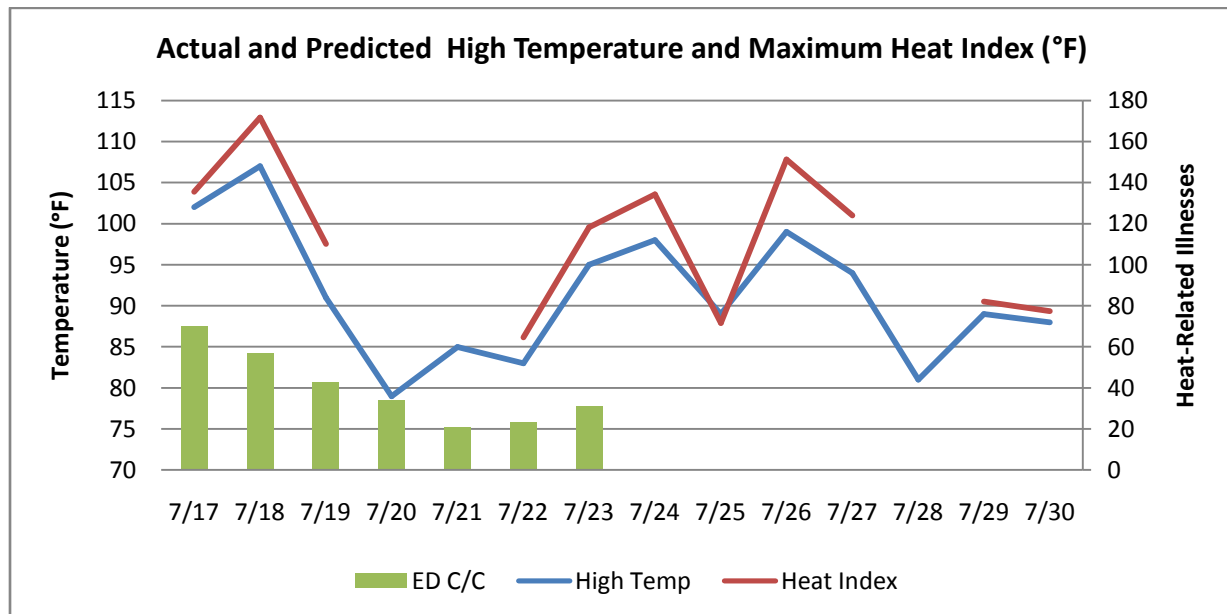
Reporting for 07/17/12 through 07/23/12

This information is used to make a Heat Advisory but is not a Heat Advisory in itself.

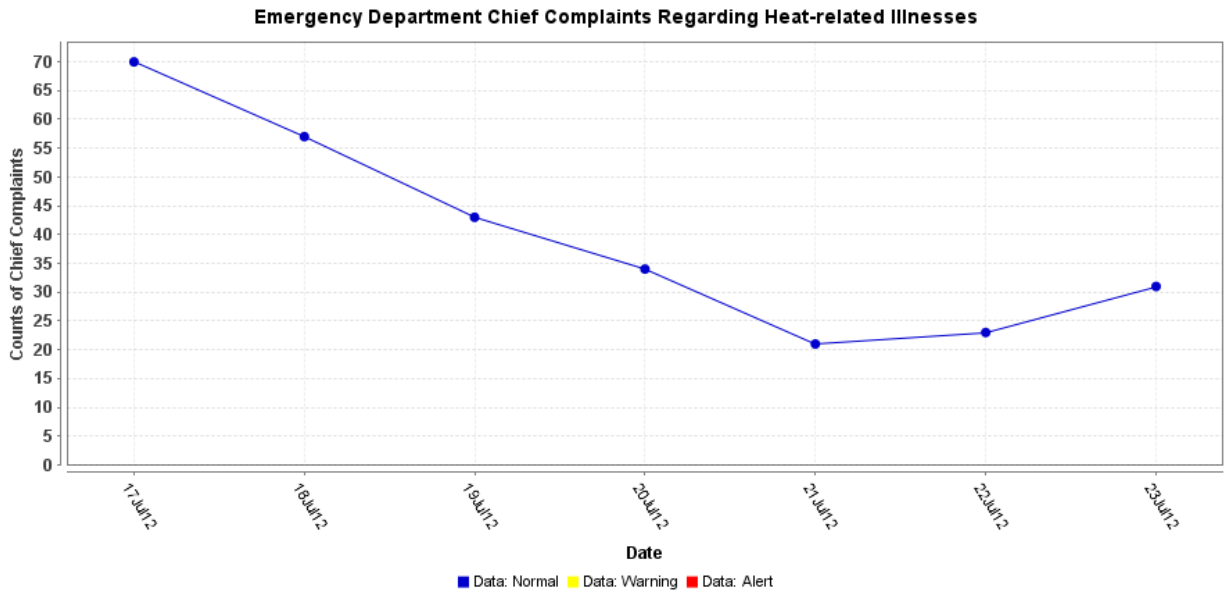
National Weather Service Forecast: Potential Heat Advisory for July 26

Heat Advisories Declared During the Previous Week: 1

Total Heat Advisories Declared This Year: 12



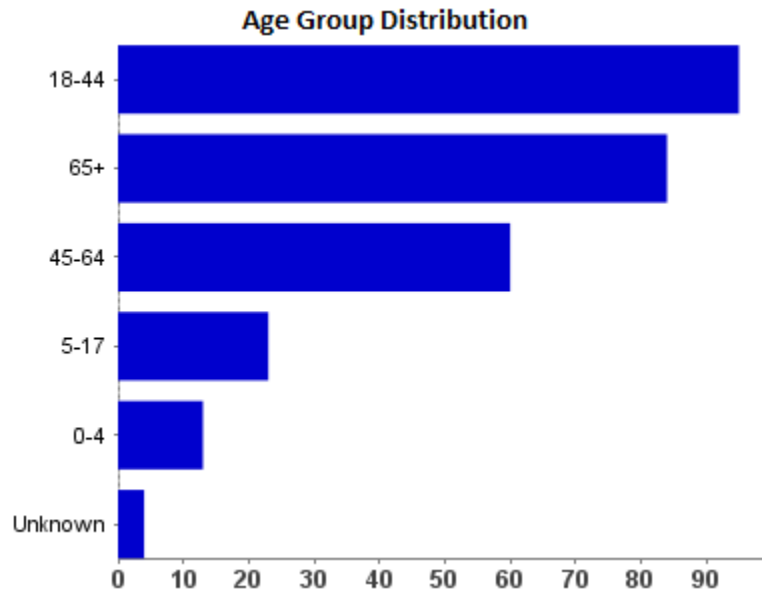
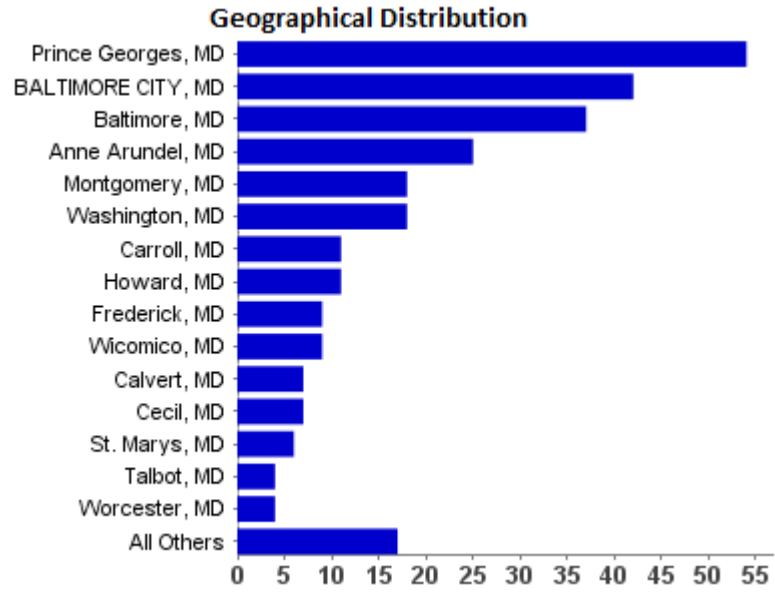
Heat Indexes are calculated for temperatures above 80°F with humidity of 43% or greater.



Date	Number of Chief Complaints Regarding Heat-related Illnesses State of Maryland
July 17	70
July 18	57
July 19	43
July 20	34
July 21	21
July 22	23
July 23	31

*Note: ESSENCE chief complaint query contains the following terms: hyperthermia, heat, dehydration, and sun burn

There were no chief complaint clusters identified during the week.



Total Number of Confirmed Heat-related Deaths to Date	Jurisdiction[#]	Age Group	Sex
31	Montgomery County	45-64 Years Old	Male
	Washington County	45-64 Years Old	Male
	Wicomico County	65+ Years Old	Male
	Baltimore City	65+ Years Old	Male
	Baltimore City	65+ Years Old	Male
	Baltimore City	65+ Years Old	Male
	Baltimore County	65+ Years Old	Male
	Montgomery County	65+ Years Old	Male
	Baltimore City	45-64 Years Old	Male
	Baltimore County	65+ Years Old	Male
	Baltimore City	65+ Years Old	Male
	Harford County	65+ Years Old	Male
	Baltimore City	65+ Years Old	Male
	Wicomico County	65+ Years Old	Female
	St. Mary's County	65+ Years Old	Male
	Prince George's County	65+ Years Old	Male
	Baltimore City	45-64 Years Old	Male
	Baltimore County	65+ Years Old	Female
	Prince George's County	45-64 Years Old	Male
	Baltimore City	45-64 Years Old	Male
	Washington County	45-64 Years Old	Male
	Montgomery County*	45-64 Years Old	Male
	Prince George's County*	65+ Years Old	Female
	Harford County*	45-64 Years Old	Male
	Baltimore County*	65+ Years Old	Male
	Baltimore City*	65+ Years Old	Male
	Baltimore City*	65+ Years Old	Female
	Anne Arundel County*	65+ Years Old	Female
	Queen Anne's County*	45-64 Years Old	Male
	Prince George's County*	45-64 Years Old	Male
	Baltimore County*	65+ Years Old	Male

[#]Refers to the jurisdiction where the heat-related death occurred

*Deaths that did not occur during the June 29 – July 8 complex heat emergency

There have been a total of 31 heat-related deaths thus far in 2012.

Heat Advisory criteria: The National Weather Service will issue a Heat Advisory when the heat index value is expected to reach 105 to 109 degrees within the next 12 to 24 hours. A Heat Advisory may be issued for lower criteria if it is early in the season or during a multi-day heat wave. NWS will issue an Excessive Heat Warning when the heat index value is expected to reach or exceed 110 degrees within the next 12 to 24 hours. An Excessive Heat Warning may be issued for lower criteria if it is early in the season or during a multi-day heat wave.

Note: The heat report will be released on Tuesdays, with the reporting period being the previous Tuesday through Monday. The results from the query used in ESSENCE to track heat-related illnesses may be an overestimation of the actual burden of illness related to the hot weather. This overestimation is due to the nature of the query, which includes the term dehydration, a condition that may be caused by factors other than heat. OP&R will be issuing heat reports through the beginning of September 2012.

Prepared by: Zachary Faigen, MSPH
Biosurveillance Epidemiologist
Office of Preparedness and Response
Maryland Department of Health & Mental Hygiene
300 W. Preston Street, Suite 202
Baltimore, MD 21201
Office: 410-767-6745
Fax: 410-333-5000
Email: ZFaigen@dhmh.state.md.us

Joseph H. Anelli
Special Projects Coordinator
Office of Preparedness and Response
Maryland Department of Health and Mental Hygiene
300 W. Preston Street, Suite 202
Baltimore, MD 21201
Office: 410.767.6201
Email: JAnelli@dhmh.state.md.us